Index of Claims

| App | lica | tion | /Co | ntrol | No. |
|-----|------|------|-----|-------|-----|
|-----|------|------|-----|-------|-----|

10/720,928

**BUSHNELL ET AL.** 

Applicant(s)/Patent under Reexamination

Examiner

Art Unit

Huy Q. Phan

2687

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|             |  | L  | L  |          |          |                           | •            |              | L  | L               |
|-------------|--|--|--|----------|----------|---------------------------|--------------|--------------|--|-----------------|
|             |  | _  |  |          |          | 2-4                       |              |              |  | _               |
| Cla         | ım   | n Date   |  |          |          |                           |              |              |  |                 |
| <del></del> | Original   | 50/82/11   |  |          |          |                           |              |              |  | ŀ               |
| Final       | rigi   | /28  |  |          |          |                           |              |              |  |                 |
|             | 0  | Ξ  | L  |          | L        |                           |              |              | _  | Ш               |
|             | 1<br>2<br>3<br>4<br>5<br>6   | Y  | _  | _        | _        | -                         |              | _            | <u> </u>   | Н               |
|             | 4  | ₩  |  | -        |          | ļ                         | -            | _            | ┝  | Н               |
|             | 3  | H  | -  | ├        | -        | -                         |              |              | _  | H               |
| _           | 4  | ₩  |  | ├        | ⊢        | ├-                        | $\vdash$     | _            | ├—   | Н               |
|             | 2  | H  | -  |          | -        | -                         | _            | ⊢            | ┝  | Н               |
| <u> </u>    |  | H  | <del> </del> —                                   | _        | -        | ⊢                         | _            | ⊢            | -  | $\vdash$        |
| -           | -  | V  | $\vdash$   | -        | ┝        | $\vdash$                  |              | -            | -  | Н               |
|             | 0  | -  | $\vdash$   | ┝        | $\vdash$ | $\vdash$                  | -            | -            | ├  | $\vdash$        |
| <u> </u>    | 10   | ┢  | ⊢  | -        | ⊢        | $\vdash$                  | -            | ┝            | -  | H               |
|             | 11   | ⊢  |  | -        | -        | -                         |              | $\vdash$     | $\vdash$   | Н               |
|             | 12   | ⊢  | ⊢  | ┢        | -        | ┝                         | Н            | ⊢            | ⊢  | Н               |
|             | 13   | <del>  -</del>                                   | <del>                                     </del> | -        | -        | $\vdash$                  | $\vdash$     | -            | $\vdash$   | Н               |
| <b></b>     | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | $\vdash$   | Н  |          | $\vdash$ | $\vdash$                  |              | -            | <del>                                     </del> | H               |
|             | 15   | ┢╌   | $\vdash$   | $\vdash$ | -        | $\vdash$                  |              | -            | $\vdash$   | H               |
|             | 16   | $\vdash$   | <del>                                     </del> | -        | $\vdash$ | $\vdash$                  | -            | $\vdash$     | ╁╾   | Н               |
|             | 17   | H  |  |          |          | -                         | -            | -            | -  | H               |
|             | 18   | <del>                                     </del> | -  | -        | $\vdash$ | $\vdash$                  |              | _            | $\vdash$   | Н               |
|             | 19   | H  | $\vdash$   |          | $\vdash$ | $\vdash$                  |              |              | $\vdash$   | H               |
|             | 20   | l  | T  |          | $\vdash$ | H                         |              |              | T  | H               |
|             | 21   | t  |  | H        | $\vdash$ |                           |              |              | <u> </u>   | Н               |
|             | 22   | T  |  |          | _        |                           |              |              |  | П               |
|             | 23   |  |  |          |          |                           |              |              |  | П               |
|             | 24   | Г  |  |          |          |                           |              |              |  | П               |
|             | 25<br>26<br>27   |  |  |          |          |                           |              |              |  |                 |
|             | 26   |  |  |          |          |                           |              |              |  |                 |
|             | 27   | L  |  |          |          |                           |              |              |  |                 |
|             | 28   |  |  |          |          |                           |              |              |  |                 |
|             | 28<br>29   |  |  |          | L.       |                           |              |              | L  | Ш               |
|             | 30<br>31   | $oxed{oxed}$                                     |  |          | <u> </u> | <u> </u>                  | Ш            |              | <u> </u>   | Ш               |
| L           | 31   | <u></u>  |  | <u> </u> | <u> </u> | <u> </u>                  |              |              | <u> </u>   | Ш               |
| <u> </u>    | 32   | <u> </u>   | ㄴ  | _        | <u> </u> | $ldsymbol{ldsymbol{eta}}$ | _            | <u> </u>     | <u> </u>   | Ш               |
| <u> </u>    | 33   | <u> </u>   | _  | <u> </u> | <u> </u> | <u> </u>                  | _            | _            | <u> </u>   | Ш               |
|             | 33<br>34<br>35   | <u> </u>   | <u> </u>   | $\vdash$ | <u> </u> | $\vdash$                  | H            | _            | $\vdash$   | Н               |
| <u> </u>    | 35   | $\vdash$   | _  | $\vdash$ | $\vdash$ | $\vdash$                  | $\vdash$     | <u> </u>     | $\vdash$   | Н               |
|             | 36<br>37   | -  | <u> </u>   | <u> </u> | <u> </u> | $\vdash$                  | H            | <u> </u>     | <u> </u>   | H               |
|             | 30   | $\vdash$   | $\vdash$   | -        |          | -                         | <u> </u>     | -            |  | $\vdash \vdash$ |
|             | 38<br>39   | -  | $\vdash$   | $\vdash$ | -        |                           | H            | <b></b>      | -  | Н               |
| $\vdash$    | 40   |  | ⊢  | -        | ├        | -                         | $\vdash$     | ├-           | ├  | Н               |
| <u> </u>    | 41   | $\vdash$   | -  | $\vdash$ | -        | $\vdash$                  | $\vdash$     | $\vdash$     | <del> </del>                                     | Н               |
| <u> </u>    | 42   | ├  | <del> </del>                                     | -        | ├        | $\vdash$                  |              | ├-           | $\vdash$   | $\vdash \vdash$ |
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|             | 44   | <del>                                     </del> | -  | -        | $\vdash$ | Н                         | $\vdash$     | <del> </del> | $\vdash$   | Н               |
|             | 45   | 1  | $\vdash$   | $\vdash$ | $\vdash$ |                           | -            | -            | $\vdash$   | Н               |
|             | 46   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ |                           | $\vdash$     |              | ├─   | Н               |
|             | 47   | <del>                                     </del> | <del> </del>                                     | -        | $\vdash$ | -                         | $\vdash$     | -            | $\vdash$   | Н               |
| <u> </u>    | 48   | -  | $\vdash$   | 1        | $\vdash$ |                           | Н            | <u> </u>     | <u> </u>   | H               |
|             | 49   | $\vdash$   |  |          | -        | $\vdash$                  | $\vdash$     | $\vdash$     | <del>                                     </del> | H               |
|             | 50   | -  | <del> </del>                                     | $\vdash$ | $\vdash$ |                           | <del> </del> | $\vdash$     | $\vdash$   | H               |

| Cla      | im   | Date     |          |          |          |          |          |          |                    |   |  |
|----------|--|----------|----------|----------|----------|----------|----------|----------|--------------------|---|--|
|          |  |          |          | Γ        | Г        |          |          |          |                    |   |  |
| ā        | Original   |          |          |          |          |          |          |          |                    |   |  |
| Final    | rig  |          |          |          |          |          |          |          |                    |   |  |
|          | 0  |          |          |          |          |          |          |          | İ                  | ŀ |  |
|          | 51   |          | $\vdash$ |          |          |          |          | $\vdash$ | $\vdash$           |   |  |
|          | 52   |          | $\vdash$ | $\vdash$ | Т        |          | $\vdash$ | $\vdash$ | $\vdash$           |   |  |
| $\vdash$ | 52<br>53   |          | _        |          |          |          |          |          |                    |   |  |
|          | 54   |          |          | <u> </u> | <u> </u> |          |          |          | $\vdash$           |   |  |
| $\vdash$ | 54<br>55   |          | $\vdash$ | Г        | $\vdash$ |          | $\vdash$ | $\vdash$ |                    | Г |  |
| $\Box$   | 56   |          |          |          |          |          |          |          |                    |   |  |
|          | 57   |          |          |          |          |          |          |          |                    |   |  |
| $\Box$   | 58   |          |          |          |          |          |          |          |                    |   |  |
|          | 59   |          |          |          |          |          |          |          |                    |   |  |
|          | 60   |          |          |          |          |          |          |          |                    |   |  |
|          | 61   |          |          |          |          |          |          |          |                    |   |  |
|          | 62   |          |          | ļ        |          | _        |          | T        |                    | Г |  |
|          | 63   |          |          |          |          |          |          |          |                    |   |  |
|          | 63<br>64<br>65   |          |          | Γ        | Ī        | Γ        | Г        |          |                    | Γ |  |
|          | 65   | Т        |          | T        |          |          | Г        | Ι        | T                  |   |  |
|          | 66<br>67   |          |          | Γ        |          |          | Г        |          | <u> </u>           |   |  |
|          | 67   |          |          | l        |          |          |          |          |                    |   |  |
|          | 68   |          |          |          |          |          |          |          |                    |   |  |
|          | 69   |          |          |          |          |          |          |          |                    |   |  |
|          | 70   |          |          |          |          |          |          |          |                    |   |  |
|          | 71   | •        |          | Г        |          |          |          |          |                    |   |  |
|          | 72   |          |          |          |          |          |          | Г        |                    |   |  |
|          | 73   |          |          |          |          |          |          |          |                    |   |  |
|          | 69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 |          |          |          |          |          |          |          |                    |   |  |
|          | 75   |          |          |          |          |          |          |          |                    |   |  |
|          | 76   |          |          |          |          |          |          |          |                    |   |  |
|          | 77   |          |          |          |          |          |          |          |                    |   |  |
|          | 78   |          | Г        | Г        |          |          |          |          |                    |   |  |
|          | 79   |          |          | Г        |          |          |          |          |                    |   |  |
|          | 80   |          |          |          |          |          |          |          |                    |   |  |
|          | 81   |          |          |          |          |          |          |          |                    |   |  |
|          | 82<br>83   |          |          | Γ        |          | Г        |          |          |                    |   |  |
|          | 83   | Г        | П        |          |          | Г        |          |          | Г                  |   |  |
|          | 84   |          |          |          |          |          |          |          |                    |   |  |
|          | 85   |          |          |          |          |          |          |          |                    |   |  |
|          | 86   |          |          |          |          |          | 匚        |          | L                  |   |  |
|          | 87   |          |          |          |          |          |          |          |                    |   |  |
|          | 88   |          |          |          |          |          |          |          |                    |   |  |
|          | 89   |          |          |          |          |          |          |          |                    |   |  |
|          | 90   |          | <u> </u> |          | <u> </u> | L        |          |          | L                  | Ĺ |  |
|          | 91   |          |          |          |          |          | $\Box$   |          | L                  |   |  |
| L        | 92   |          | _        | L_       | <u> </u> | <u> </u> |          | <u> </u> | <u> </u>           |   |  |
| L        | 93   | <u> </u> |          | _        | <u> </u> |          |          |          |                    | L |  |
|          | 94   |          |          | _        | L        |          |          |          | $oxedsymbol{oxed}$ |   |  |
|          | 95   |          |          |          |          |          |          |          |                    | L |  |
|          | 96   |          |          |          | L        |          |          |          | L                  | L |  |
|          | 97   |          |          |          |          |          |          |          | $oxedsymbol{oxed}$ |   |  |
|          | 98   |          |          |          |          |          |          |          |                    |   |  |
|          | 99   |          |          |          |          | <u> </u> |          |          |                    |   |  |
|          | 100  | L        | L        | L        | L        |          | L        |          | L                  |   |  |

| Cli      | aim                                    | Date     |          |  |          |  |  |              | $\neg$   |        |
|----------|--|----------|----------|--|----------|--|--|--------------|----------|--------|
|          |  |          |          |  |          |  |  |              |          |        |
| Final    | Original                               |          |          |  |          |  |  |              |          |        |
| i _      | rig                                    |          |          |  |          |  |  |              |          |        |
|          |  |          |          |  |          |  |  |              |          |        |
|          | 101<br>102                             |          |          |  |          |  | Г  |              |          | П      |
|          | 102                                    |          |          |  |          |  |  |              |          |        |
|          | 103                                    |          |          |  |          |  | Г  |              |          |        |
|          | 104                                    |          |          |  |          |  |  |              |          |        |
|          | 104<br>105                             |          |          |  |          |  |  |              |          |        |
|          | 106                                    |          |          |  |          |  |  |              |          |        |
|          | 107<br>108                             |          | L        | <u> </u>   |          |  | <u>_</u>   |              |          | Ш      |
|          | 108                                    |          | L        |  | _        | L  | L_   | L_           | L        | Ш      |
|          | 109                                    |          |          |  |          | $ldsymbol{ld}}}}}}$ |  |              |          |        |
|          | 110                                    |          |          | _  |          |  |  |              | _        | Ш      |
|          | 111                                    |          |          |  |          | _  | _  |              | L        |        |
| L        | 111<br>112<br>113                      |          | <u> </u> | <u> </u>   | _        | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u> | Ш      |
|          | 113                                    |          | ļ        |  |          |  |  | <u> </u>     | <u> </u> | Ш      |
|          | 114<br>115                             |          | _        | _  | _        | _  | _  | _            |          | Ш      |
| ļ        | 115                                    | L        |          | <u> </u>   | L.       | _  | <u> </u>   | <u> </u>     | _        | Ш      |
| ļ        | 116                                    |          | _        | _  |          | _  | <u> </u>   |              | _        | Ш      |
|          | 117                                    |          | <u> </u> | <u> </u>   | _        | _  | _  | _            | _        | Ш      |
|          | 118<br>119                             |          | _        |  | _        | <u> </u>   | _  | ļ            | _        | Щ      |
|          | 119                                    |          |          | _  |          | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u> |        |
|          | 120                                    |          | <u> </u> | _  | _        | _  | L  |              | _        |        |
| <u> </u> | 121                                    | _        | ļ        | <u> </u>   |          | _  | <u> </u>   | <u> </u>     | ļ        | L      |
|          | 122                                    | _        | <u> </u> | <u> </u>   | _        | <u> </u>   | <u> </u>   | <u> </u>     | _        |        |
| <u> </u> | 123                                    | _        | <u> </u> | <u> </u>   | _        | ┞  |  | _            | _        | Н      |
| <u> </u> | 120<br>121<br>122<br>123<br>124<br>125 | _        | <u> </u> | <u> </u>   |          | <u> </u>   | ├  | <u> </u>     | <u> </u> | Н      |
|          | 125                                    | <u> </u> | ├-       | ├  | _        | ┝  | ├  | ├            | ⊢        | Н      |
|          | 120                                    | -        | <u> </u> | ├—   | _        | ⊢  | ├  | ├            | ├        | Н      |
| <u> </u> | 126<br>127<br>128                      | -        | ┝        | ⊢  | _        | <u> </u>   | ┝  | ├—           | ⊢        | Н      |
| <u> </u> | 120                                    | -        | $\vdash$ | $\vdash$   | <u> </u> | ├  | ┝  | ⊢            | ⊢        | Н      |
| <u> </u> | 129<br>130<br>131                      | ⊢        | ⊢        | ┝  |          | ┝  | ┢  | ⊢            | ┝        | Н      |
|          | 130                                    | H        | ⊢        | ⊢  |          |  | ┝  | ┢            | ┝        | Н      |
| ├─       | 132                                    | $\vdash$ | ┝        | ├─   |          | $\vdash$   | ⊢  | ├            | ├        | Н      |
| -        | 132<br>133                             | ⊢        | $\vdash$ | ⊢  |          | ├  | ├─   | ⊢            | ├─       | -      |
|          | 134                                    |          | ┢一       | ┝  | ┢        |  | -  | ┝            | ┝        | H      |
|          | 134<br>135                             | $\vdash$ | $\vdash$ | $\vdash$   |          | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | Н      |
|          | 136                                    | -        | $\vdash$ | $\vdash$   | ┢        | -  | H  | <del> </del> | -        | Н      |
| <b></b>  | 137                                    | H        | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | H            | $\vdash$ | H      |
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|          | 139                                    |          | $\vdash$ | <del>                                     </del> | -        |  | <del>                                     </del> | <b>†</b>     | t        | H      |
|          | 140                                    |          |          |  |          |  |  | <u> </u>     |          | H      |
|          | 141                                    |          |          |  | _        | <del>                                     </del>   |  |              | _        | H      |
|          | 142                                    |          | $\vdash$ |  |          | Т  | _  | $\vdash$     |          | М      |
|          | 143                                    |          | Г        |  |          |  |  |              |          | П      |
|          | 144                                    |          |          |  |          | Т  | Г  |              | $\vdash$ | $\Box$ |
|          | 145                                    | П        | Г        | Г  |          | Г  |  |              |          | П      |
|          | 146                                    |          |          |  |          |  |  |              |          | П      |
|          | 147                                    |          | $\vdash$ |  |          | $\Box$   |  |              |          | П      |
|          | 148                                    | Т        | Г        |  |          | Г  |  |              | Г        | П      |
|          | 149                                    |          |          | Г  |          |  |  |              |          | П      |
|          | 150                                    |          | Г        |  |          |  | Г  |              |          | П      |
|          |  |          | <u> </u> |  |          | —  |  |              |          |        |